

CAPITAL IMPROVEMENTS PROGRAM FY 2003

PROJECT TITLE: Water Storage Tank	PROJECT NUMBER: 937
LOCATION: Janwal Street	Prior Years' Spending/ Encumbrances as of 1/31/02 \$162,600
DEPARTMENT: Public Works	Prior Years' Budget \$2,127,400
DIVISION: Water	Unspent as of 1/31/02

DESCRIPTION:

This project is for a new water tank that will provide two to three million additional gallons of water storage. The location of the new storage facility is dependent upon available land and the hydraulics of the City's water distribution system. If necessary, funds for land acquisition are provided.

JUSTIFICATION:

The recommended water storage volume for a city of our size is one average day's usage, which is approximately 4.75 million gallons (summer usage average is 6.0 million gallons per day). Currently, we have a usable storage of 2.75 million gallons.

STATUS:

As of January 1, 2002, a 1,500,000 gallon tank is advertised for bid with construction scheduled for this year. A second 1,000,000 gallon tank site is needed.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	TOTAL
Land \$	420,000							420,000
Design	150,000		70,000					220,000
Construction	1,400,000		1,950,000					3,350,000
Inspection	25,000		45,000					70,000
Contingency	75,000		85,000					160,000
Inflation	50,000		60,000					110,000
Overhead	170,000		120,000					290,000
Total \$	2,290,000	0	2,330,000	0	0	0	0	4,620,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	TOTAL
Bond Funds \$	2,165,000		2,330,000					4,495,000
State Grants								0
Operating Funds	125,000							125,000
Total \$	2,290,000	0	2,330,000	0	0	0	0	4,620,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: This will reduce annual electrical costs at the Water Plant by allowing continuous pumping at a lower rate.

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PROJECT TITLE:	Water Wells No. 10 & 11	PROJECT NUMBER:	941
LOCATION:	Water Treatment Plant	Prior Years' Spending/ Encumbrances as of 1/31/02	\$42,040
DEPARTMENT:	Public Works	Prior Years' Budget	\$641,960
DIVISION:	Water	Unspent as of 1/31/02	

DESCRIPTION:

Includes the design and construction of a seventh and eighth active well at the Annapolis Water Treatment Plant.

JUSTIFICATION:

These new wells are necessary to allow the water treatment plant to operate at the expanded 10 MGD capacity. Two 1000 G.P.M. production wells in the Upper Patapsco Formation are recommended for flexibility of water production, maintenance and to resolve siting restrictions related to hydrological considerations.

STATUS:

As of January 1, 2002, project is advertised for bid with construction in the Summer of 2002.

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	TOTAL
Land \$								0
Design	50,000							50,000
Construction	500,000	375,000						875,000
Inspection	50,000							50,000
Contingency	25,000	25,000						50,000
Inflation	19,000							19,000
Overhead	40,000							40,000
Total \$	684,000	400,000	0	0	0	0	0	1,084,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	TOTAL
Bond Funds \$	639,000	(639,000)						0
State Grants								0
Operating Funds	45,000	1,039,000						1,084,000
Total \$	684,000	400,000	0	0	0	0	0	1,084,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: Will increase well maintenance costs in future years.

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PROJECT TITLE: Water Tank Rehabilitation	PROJECT NUMBER: 985
LOCATION: Various	Prior Years' Spending/ Encumbrances as of 1/31/02 \$0
DEPARTMENT: Public Works	Prior Years' Budget \$0
DIVISION: Water	Unspent as of 1/31/02

DESCRIPTION:

Painting of the tanks is a cyclic program and must be expected to repeat on a 7 to 10 year cycle. The next tank painting cycle is expected to be necessary in 2005 and continuing each year through 2008.

JUSTIFICATION:

Painting of the tanks is required to maintain water quality and to maintain the tank structure.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	TOTAL
Land \$								0
Design								0
Construction					185,000	220,000	250,000	655,000
Inspection					15,000	18,000	20,000	53,000
Contingency								0
Inflation					6,000	6,500	7,000	19,500
Overhead								0
Total \$	0	0	0	0	206,000	244,500	277,000	727,500

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	TOTAL
Bond Funds \$								0
State Grants								0
Operating Funds					206,000	244,500	277,000	727,500
Total \$	0	0	0	0	206,000	244,500	277,000	727,500

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: None

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PROJECT TITLE:	Clear well Replacement	PROJECT NUMBER:	New
LOCATION:	Water Treatment Plant	Prior Years' Spending/ Encumbrances as of 1/31/02	\$0
DEPARTMENT:	Public Works	Prior Years' Budget	\$0
DIVISION:	Water	Unspent as of 1/31/02	

DESCRIPTION:

The existing clear well is open to the atmosphere. This water is pumped directly into the distribution system with only the addition of chlorine.

JUSTIFICATION:

Replacement with two closed steel ground level tanks will remove contamination threat.

STATUS:

APPROPRIATION SCHEDULE	PRIOR YEARS	CURRENT FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	TOTAL
Land \$								0
Design			25,000					25,000
Construction			500,000					500,000
Inspection			25,000					25,000
Contingency			25,000					25,000
Inflation								0
Overhead			25,000					25,000
Total \$	0	0	600,000	0	0	0	0	600,000

FUNDING SCHEDULE	PRIOR YEARS	CURRENT FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	TOTAL
Bond Funds \$			600,000					600,000
State Grants								0
Operating Funds								0
Total \$	0	0	600,000	0	0	0	0	600,000

ESTIMATED FISCAL IMPACT ON OPERATING BUDGET: